



**EDITOR-IN-CHIEF**  
**JULIAN MALICKI, Ph.D.**

Greater Poland Cancer Centre, Poznań, Poland

**CO-EDITORS:**

**CLINICAL**

**Marco KREGLI**, University of Piemonte Orientale,  
University Hospital Maggiore della Carità, Italy

**Carmen LLACER-MOSCARDO**, Institut Régional  
du Cancer, Montpellier, France

**Hugo Raúl MARSIGLIA**, Instituto Oncológico,  
Santiago, Chile

**Jiří PETERA**, Medical Faculty Hospital,  
Hradec Králové, Czech Republic

**Marcela de la TORRE**, Universidad de Buenos  
Aires Viamonte, Buenos Aires, Argentina

**Primož STROJAN**, Institute of Oncology,  
Ljubljana, Slovenia

**Tatiana HADJIEVA**, Radiotherapy Department,  
University Hospital, Sofia, Bulgaria

**BIOLOGY**

**Bogusław MACIEJEWSKI**, Cancer Center and  
Institute of Oncology, Gliwice, Poland

**Michał MASTERNAK**, Burnett School of Biomedical  
Sciences, College of Medicine at University of  
Central Florida in Orlando, FL, USA

**EDITORIAL OFFICE**

Piotr MILECKI /MEDICAL CONSULTANT/  
Anna RUCIŃSKA /MEDICAL CONSULTANT/  
Michał MICHALAK /STATISTICAL EDITOR/  
Sylvia CIESIŃSKA /ADMINISTRATIVE ASSISTANT/  
Bradley LONDRES /LANGUAGE EDITOR/

**BRACHYTHERAPY**

**Ovidiu COZA**, Institutul Oncologic, Cluj-Napoca,  
Romania

**Ferran GUEDEA**, Institut Català d'Oncologia (ICO),  
Hospital Duran I Reynals, Barcelona, Spain

**Csaba POLGAR**, National Institute of Oncology,  
Budapest, Hungary

**Maria de Lurdes TRIGO**, Instituto Português  
Oncologia, Porto, Portugal

**PHYSICS**

**Julian MALICKI**, Greater Poland Cancer Centre,  
Poznań, Poland

**SURGICAL ONCOLOGY**

**Wojciech GOLUSIŃSKI**, Greater Poland Cancer  
Centre, Poznań, Poland

**EDITOR ADDRESS**

Greater Poland Cancer Centre  
Garbary 15 Str 61, 866 Poznań, Poland  
E-Mail [rpor@wco.pl](mailto:rpor@wco.pl)

## EDITORIAL BOARD

**BALTAS Dimos,**  
Klinikum Offenbach GmbH, Offenbach, Germany

**BARTELINK Harry,**  
Netherlands Cancer Institute – AvL, Amsterdam, The Netherlands

**BIETE Albert,**  
Radiation Oncology Department, Hospital Clinic de Barcelona, Barcelona, Spain

**BOUREL Victor,**  
Universidad Favaloro, Buenos Aires, Argentina

**BRAKENHOFF Ruud,**  
Vumc-Cancer Center, Amsterdam, The Netherlands

**CASTEL MILLÁN Antoni,**  
Usp Instituto Universitario Dexeus, Barcelona, Spain

**ČEMAŽAR Maja,**  
University of Primorska, Isola, Slovenia

**CEREZO PADELLANO Laura,**  
Hospital Universitario La Princesa, Madrid, Spain

**CYGLER Joanna,**  
Ottawa Hospital Regional Cancer Centre, Ottawa, Canada

**DIETZ Andreas,**  
University of Leipzig, Leipzig, Germany

**DO CARMO LOPES Maria,**  
Instituto Português De Oncologia, Coimbra, Portugal

**DUNSCOMBE Peter,**  
University of Calgary, Calgary, Canada

**FELTL David,**  
University Hospital Ostrava, Ostrava, Czech Republic

**FIJUTH Jacek,**  
Medical University of Łódź, Łódź, Poland

**FONG de los Santos Luis E.,**  
Department of Radiation Oncology, Mayo Clinic, Rochester, Minnesota

**GABROVSKI Roumen,**  
Regional Oncological Hospital, Shumen, Bulgaria

**GASIŃSKA Anna,**  
Cancer Center And Institute of Oncology, Kraków, Poland

**GOMEZ-ITURRIAGA Alfonso,**  
Cruces University Hospital, Bizkaia, Spain

**GRENMAR Reidar,**  
Turku University Hospital, Turku, Finland

**GULYBÁN Ákos,**  
European Organisation For Research And Treatment of Cancer, Brussels, Belgium

**HEIDE van der Uulke,**  
Department of Radiation Oncology, The Netherlands Cancer Institute, Amsterdam, The Netherlands

**HERVAS Asuncion,**  
Hospital Ramón Y Cajal, Madrid, Spain

**JASSEM Jacek,**  
Uniwersyteckie Centrum Kliniczne, Gdańsk, Poland

**JERECZEK-FOSSA Barbara,**  
European Institute of Oncology, Milano, Italy

**KACSÓ Gabriel,**  
Oncology Institute „Prof. Dr. Ion Chiricută”, Cluj-Napoca, Romania

**KAŹMIERSKA Joanna,**  
Greater Poland Cancer Centre, Poznań, Poland

**KONEFAŁ Adam,**  
Department of Nuclear Physics and its Applications, Institute of Physics, University of Silesia, Katowice, Poland

**KOVÁCS György,**  
University of Lübeck, Lübeck, Germany

**KRENGLI Marco,**  
Ospedale Maggiore Della Carita, Novara, Italy

**KRISHNAN Sunil,**  
University of Texas Md Anderson Cancer Center, Houston, Texas, USA

**KUKOŁOWICZ Paweł,**  
Centre of Oncology-Institute, Warsaw, Poland

**LARA Pedro C.,**  
Hospital Universitario de Gran Canaria, Gran Canaria, Spain

**LEEMANS René,**  
VU University Medical Center, Amsterdam, The Netherlands

**LOPES DE CASTRO Carla,**  
Instituto Português de Oncologia, Porto, Portugal

**LÓPEZ GUERRA José Luis,**  
Hospital Universitario Virgen del Rocío, Sevilla, Spain

**LOPEZ Torrecilla José,**  
Servicio Oncología Radioterápica-ERESA Hospital General Universitario, Valencia, Spain

**MACIA Miquel,**  
Institut Català d’Oncologia (ICO), Barcelona, Spain

**MACKIEWICZ Andrzej,**  
Greater Poland Cancer Centre, Poznań, Poland

**MAJOR Tibor,**  
National Institute of Oncology, Budapest, Hungary

**MARKOWSKA Janina,**  
Poznań University of Medical Sciences, Poznań, Poland

**MARSZAŁEK Andrzej,**  
Poznań University of Medical Sciences, Poznań, Poland

**MICHALAK Michał,**  
Poznań University of Medical Science, Poznań, Poland

**MILECKI Piotr,**  
Greater Poland Cancer Centre, Poznań, Poland

**MONTERO Luis Angel,**  
University Hospital Ramón Y Cajal, Madrid, Spain

**MURAWA Paweł,**  
Greater Poland Cancer Centre, Poznań, Poland

**NAGY Viorica Magdalena,**  
University of Medicine And Pharmacy “Iuliu Hatieganu”, Cluj-Napoca, Romania

**NAVARRO Arturo,**  
L’ Hospitalet de Llobregat, Barcelona, Spain

**OBLAK Irena,**  
Institute of Oncology, Ljubljana, Slovenia

**OLOFSSON Jan,**  
Haukeland University Hospital, Bergen, Norway

**PEREZ ROMASANTA Luis A.,**  
Hospital Clínico Universitario De Salamanca, Salamanca, Spain

**PETERLIN Primož,**  
Department of Radiophysics, Institute of Oncology Ljubljana, Ljubljana, Slovenia

**PIOTROWSKI Tomasz,**  
Poznan University of Medical Sciences, Poznan, Poland

**PODGORSKAK Ervin B.,**  
Montreal General Hospital, Montréal, Canada

**POITEVIN Adela,**  
Radiation Oncology Department, Medica Sur, Mexico DF, Mexico

**POLI Maria Esmeralda,**  
Hospital De Santa Maria, Lisboa, Portugal

**POORTMANS Philip,**  
Instituut Verbeeten, Tilburg, The Netherlands

**PÖTTER Richard,**  
Allg. Krankenhaus der Stadt Wien, Vienna, Austria

**ROSZAK Andrzej,**  
Greater Poland Cancer Centre, Poznań, Poland

**ROVIROSA Angeles,**  
Hospital Clinic i Universitari, Barcelona, Spain

**RUBIO RODRIGUEZ Maria Del Carmen,**  
Hospital Universitario Madrid Sanchinarro, Madrid, Spain

**SANCHEZ-DOBLADO Francisco,**  
Universidad de Sevilla, Sevilla, Spain

**SAS-KORCZYŃSKA Beata,**  
Cancer Center and Institute of Oncology, Kraków, Poland

**SCALLIET Pierre,**  
University Hospital St. Luc, Brussels, Belgium

**SKŁADOWSKI Krzysztof,**  
Cancer Center and Institute of Oncology, Gliwice, Poland

**SKOŁYSZEWSKI Jan,**  
Cancer Center and Institute of Oncology, Kraków, Poland

**SOUMAROVA Renata,**  
Comprehensive Cancer Centre, Novy Jicin, Czech Republic

**STRNAD Vratislav,**  
University Hospital Erlangen, Erlangen, Germany

**TAKACSI-NAGY Zoltán,**  
National Institute of Oncology, Budapest, Hungary

**TARNAWSKI Rafał,**  
Oncology Institute, Gliwice, Poland

**VELENIK Vaneja,**  
Institute of Oncology, Ljubljana, Slovenia

**VOŠMIK Milan,**  
University Hospital, Hradec Kralove, Czech Republic

**WACHOWIAK Jacek,**  
Poznań University of Medical Science, Poznań, Poland

**WALIGÓRSKI Michał,**  
Cancer Center and Institute of Oncology, Kraków, Poland